



**National University**

**of Computer & Emerging Sciences Peshawar Campus**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Examination: quiz 2

Total Marks: 10

Date: November 22 2021

Instructor: Ms Safia Fatima ­­­

Program: ­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (BCS-3 ABCD)

Semester: Fall-2021

Time Allowed: 15 mins

Course:EE2003 Computer Organization & Assembly Language

**NOTE:** Attempt all questions.

**NO ANSWER SHEET REQUIRED**

**Question No. 1**

**Count a character**

Write a function that takes 2 parameters that is string and the length of the string. Here string means any word or sentence for example “programming language”

Your function should find a number of times a specific character is appears in a string (“programming language”) then store the count in dx register.

**Note:** Use local variable to store the specific character, for example local variable let’s say “find” will store the character you want to search in a string. For example, if find=” g” the value of dx register after the function is 4”